

JFW/42

Practitioner's Docket No. 412483

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Ian Baker et al.

Application No.: 10/796,675

Filed: March 9, 2004

Group No.: 1742

Examiner: Not yet assigned

**FOR: NOVEL HIGH-STRENGTH, MAGNETIC, NANOSTRUCTURED ALLOYS**

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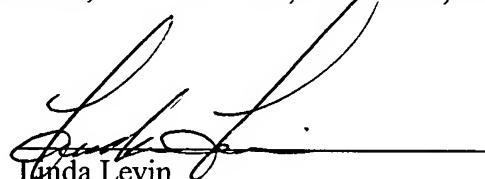
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Date of Deposit: July 29, 2004

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- 2) Information Disclosure Statement Transmittal Filed Under 37 CFR 1.97(b) (1 page)
- 3) Form 1449A/PTO (2 pages)
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Linda Levin



# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/796,675
		Filing Date	March 9, 2004
		First Named Inventor	Ian Baker et al.
		Art Unit	1742
		Examiner Name	Not yet assigned
Total Number of Pages in This Submission	5 + 14 cited references	Attorney Docket Number	412483

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)
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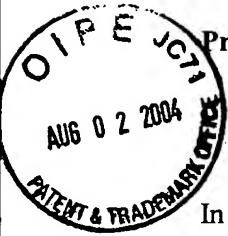
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Date	7/29/04

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ALLOYS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL**  
**FILED UNDER 37 C.F.R. § 1.97(B)**

Pursuant to 37 C.F.R. §§§ 1.56, 1.97(b) and 1.98, Applicant submits herewith an Information Disclosure Statement Form PTO-1449 (modified) together with copies of references of which applicant is aware, which applicant believes may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56

This Application was filed after June 30, 2003. Therefore, Applicant(s) submit(s) herewith Form PTO 1449 – Information Disclosure Citation without copies of U.S. patents or U.S. publications, but includes copies of foreign patents, publications or other information of which Applicant(s) is/are aware, which applicant(s) believe(s) may be material to the examination of the application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

Applicant believes no fees are currently due. However, should any additional fees be required in connection with the filing of this Information Disclosure Statement, the Commissioner is hereby authorized to charge said fees to Deposit Account No. 12-0600.

Respectfully submitted,

Date: 2/29/04

By   
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PTO/SB/08a (08-03)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<i>Application Number</i>	10/796,675
		<i>Filing Date</i>	March 9, 2004
		<i>First Named Inventor</i>	Ian Baker
		<i>Art Unit</i>	1742
		<i>Examiner Name</i>	Not yet assigned
Sheet	1	of	2
		<i>Attorney Docket Number</i>	412483

U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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2

Complete if Known	
Application Number	10/796,675
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First Named Inventor	Ian Baker
Art Unit	1742
Examiner Name	Not yet assigned
Attorney Docket Number	412483

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		RAMANARAYAN AND ABINANDAN, Spinodal decomposition in fine grained materials, Bltn. Matter. Sci. Vol. 26, No. 1, 189-192 (January 2003)	
		MAINVILLE ET AL., X-ray scattering Study of Early Stage Spinodal Decomposition in Al0.62Zn0.38, Phys. Review Lett. Vol. 78, No. 14, 2787-2790 (1977)	
		GUHA, AMITAVA, Spinodal Decomposition in ToughMet and moldMAX XL, TechBriefs, BrushWellman Engineered Materials, pp. 1-2	
		AZCOITIA, C ET AL., Spinodal Decomposition in High Damping FE-Cr(Al, Mo) Alloys, pp. 1	
		GEDEON MIKE, Technical Tidbits, Publication by Brush Wellman Engineered Materials, Vol. 3 No. 1, pp. 2	
		SRINIVAS, M. ET AL. A first report on fracture toughness of BCC iron alloys as influenced by solutes; opposite effects of silicon and cobalt, Bull. Mater. Sci., Vol. 11 No. 4, December 1988, pp. 328-329	
		Spinodal Decomposition, <a href="http://pruffle.mit.edu/3.00/Lecture_32_web/node3.html">http://pruffle.mit.edu/3.00/Lecture_32_web/node3.html</a> , pp. 1-5	
		Hydraulic Pump Motor/High Pressure Pump, Application Report, Publication by Brush Wellman Engineered Materials, pp. 1	
		Nucleation and Growth, <a href="http://pruffle.mit.edu/3.00/Lecture_32_web/node4.html">http://pruffle.mit.edu/3.00/Lecture_32_web/node4.html</a> , pp. 1-5	
		SPINODAL DECOMPOSITION, IUPAC Compendium of Chemical Terminology, 2nd Edition (1997) pp. 1	
		MISRA, A. and GIBALA, R., Room-Temperature Deformation Behavior of Directionally Solidified Multiphase Ni-Fe-Al Alloys, Metallurgical and Materials Transactions A., Vol 28A, March 1997, pp. 795-807	
		MISRA, A., et al., Optimization of toughness and strength in multiphase intermetallics, Elsevier Intermetallics 9 (2001) pp. 971-978	
		SZYMURA, S. The Effect of Manganese on the Modification of Non-Metallic Inclusions and Magnetic Properties of Columnar Alnico 5 Permanent Magnets, Journal of Magnetism and Magnetic Materials 30 (1983) pp. 389-394	
		CAHN, J.W., The 1967 Institute of Metals Lecture Spinodal Decomposition, Transactions of the Metallurgical Society of AIME Vol. 242, February 1968, pp. 166-180	

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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